

Supplementary Table 1. Predictors of willingness to participate in CRC screening: univariate and multivariate logistic regression using continuous variable

	Crude odds ratio (95% CI)*	<i>P-value</i>	Adjusted odds ratio (95% CI)	<i>P-value</i>
Age				
40-44	ref	0.796	ref	0.650
45-49	0.963 (0.722-1.284)		0.923 (0.655-1.303)	
Gender				
Male	ref	0.665	ref	0.064
Female	0.938 (0.704-1.251)		1.407 (0.981-2.017)	
Marital status				
Unmarried/divorced	ref	<0.001	ref	0.297
Married	2.060 (1.534-2.767)		1.210 (0.845-1.732)	
Employment status				
Part-time/unemployed	ref	<0.001	ref	0.038
Full-time	2.130 (1.402-3.234)		1.761 (1.032-3.007)	
Monthly household income				
HKD 0-19,999	ref		ref	
HKD 20,000-39,999	1.310 (0.933-1.838)	0.119	0.907 (0.571-1.440)	0.678
HKD ≥40,000	3.323 (2.174-5.081)	<0.001	1.457 (0.796-2.668)	0.222
Educational level				
Secondary or under	ref		ref	
Tertiary, non-degree	1.578 (1.018-2.447)	0.041	1.278 (0.744-2.195)	0.374
Tertiary, degree or above	2.189 (1.570-3.052)	<0.001	1.187 (0.750-1.880)	0.464
Self-perceived health status				
Good	ref	<0.001	ref	0.007
Poor	0.535 (0.400-0.715)		0.607 (0.421-0.874)	
Chronic disease				

No	ref	<0.001	ref	0.005
Yes	1.713 (1.282-2.289)		1.678 (1.167-2.412)	
Smoking				
No	ref	0.099	ref	0.640
Yes	1.295 (0.952-1.761)		1.105 (0.726-1.682)	
Alcohol consumption				
No	ref	<0.001	ref	0.109
Yes	1.791 (1.329-2.414)		1.362 (0.933-1.987)	
Knowledge of CRC Symptom	1.099 (1.030-1.173)	0.004	0.962 (0.872-1.062)	0.444
Knowledge of CRC Risk Factor	1.058 (1.013-1.105)	0.011	1.017 (0.949-1.088)	0.639
Knowledge of CRC Screening Methods	1.288 (1.168-1.419)	<0.001	1.030 (0.910-1.165)	0.645
Perceived Susceptibility	1.106 (1.030-1.188)	0.006	1.075 (0.979-1.181)	0.130
Perceived Benefits of FIT	1.489 (1.332-1.665)	<0.001	1.023 (0.868-1.205)	0.787
Perceived Physical and Psychological Barriers to FIT	0.966 (0.930-1.003)	0.075	0.983 (0.923-1.046)	0.588
Perceived Access Barriers to FIT	0.978 (0.935-1.023)	0.330	0.994 (0.907-1.090)	0.902
Perceived Benefits of Colonoscopy	1.744 (1.547-1.966)	<0.001	1.322 (1.118-1.562)	0.001
Perceived Physical and Psychological Barriers to Colonoscopy	0.949 (0.908-0.992)	0.021	0.869 (0.810-0.933)	<0.001
Perceived Access Barriers to Colonoscopy	0.991 (0.948-1.037)	0.710	1.049 (0.957-1.150)	0.306
Self-efficacy	2.056 (1.795-2.354)	<0.001	1.468 (1.252-1.721)	<0.001
Cues to Action	1.133 (1.107-1.159)	<0.001	1.094 (1.065-1.125)	<0.001
Perceived Severity	1.061 (1.024-1.099)	0.001	1.020 (0.971-1.070)	0.430

Notes: CI: Confidence Interval. FIT: FIT: Fecal immunochemical test.

*Outcome: Participation willingness = 1. Bold values indicate statistical significance (p < 0.05).